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Claims

1.     A method for providing manual input and voice input functionality in a voice responsive system, the voice responsive system implementing an operating system and a voice recognition application that are in communication, the method comprising the steps of:

5          providing a voice message from the operating system to the voice recognition application;

providing an appropriate simulated manual input event from the voice recognition application to the operating system in response to the received voice message; and

10          providing an appropriate manual input event message from the operating system to the voice recognition application in response to the simulated manual input event, wherein the voice recognition application initiates the performance of a task associated with the manual input event message.

2.     The method of claim 1, wherein the voice message is provided by the operating system in response to a voice input.

3.     The method of claim 1, wherein the simulated manual input event is generated by a system call function.

4.     The method of claim 3, wherein the system call function synthesizes a hardware input.

5.     The method of claim 3, wherein the operating system is a Windows CE operating system and the system call function is a keybd_event function.

6.     The method of claim 1, wherein the operating system is a Windows CE operating system.

7.　　A voice responsive system that controls a device in response to both a manual input and a voice input, the system comprising:

a processor;

a memory subsystem for storing information coupled to the

5　processor; and

processor executable code including an operating system and a voice recognition application for causing the processor to perform the steps of:

providing a voice message from the operating system to the voice recognition application;

10　providing an appropriate simulated manual input event from the voice recognition application to the operating system in response to the received voice message; and

providing an appropriate manual input event message from the operating system to the voice recognition application in response to the

15　simulated manual input event, wherein the voice recognition application initiates control of a device responsive to the manual input event message.


8.　　The system of claim 7, wherein the voice message is provided by the operating system in response to a voice input.

9.　　The system of claim 7, wherein the simulated manual input event is generated by an operating system call function.

10.　　The system of claim 9, wherein the system call function synthesizes a hardware input.

11.　　The system of claim 9, wherein the operating system is a Windows CE operating system and the system call function is a keybd_event function.

12. The system of claim 8, wherein the operating system is a Windows CE operating system.

13. The system of claim 8, further including:

a microphone for providing the voice input to the processor.

14. A voice responsive automotive system that controls a motor vehicle accessory in response to both a manual input and a voice input, the system comprising:

a processor;

5          a memory subsystem for storing information coupled to the processor; and

processor executable code including an operating system and a voice recognition application for causing the processor to perform the steps of:

providing a voice message from the operating system to

10     the voice recognition application;

providing an appropriate simulated manual input event from the voice recognition application to the operating system in response to the received voice message; and

providing an appropriate manual input event message

15     from the operating system to the voice recognition application in response to the simulated manual input event, wherein the voice recognition application initiates control of a radio responsive to the manual input event message.


15. The system of claim 14, wherein the voice message is provided by the operating system in response to a voice input.

16. The system of claim 14, wherein the simulated manual input event is generated by an operating system call function.

17.     The system of claim 16, wherein the system call function synthesizes a hardware input.

18.     The system of claim 16, wherein the operating system is a Windows CE operating system and the system call function is a keybd_event function.

19.     The system of claim 16, wherein the operating system is a Windows CE operating system.

20.     The system of claim 15, further including:

a microphone for providing the voice input to the processor.

21.     The system of claim 14, wherein the motor vehicle accessory is a radio.